GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3660
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TAND D LOSSES
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Will the Minister of POWER be pleased to state:

(a) whether the transmission and distribution losses in the country is much more than estimated earlier;

(b) if so, the exact T and D losses during each of the last three years, State-wise;

(c) the T and D losses in neighbouring countries at present and how it compare with our country; and

(d) the efforts made by the Government to reduce the T & D losses in the country?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) & (b) : As reported by Central Electricity Authority (CEA), the details of Transmission and Distribution (T&D) losses of various States during the years 2002-03, 2003-04 and 2004-05 are at Annexure.

(c) : T&D losses of some of neighboring countries are as under:

Sl. No	Name of the countries	T&D loss (%)
1.	China	7
2.	Myanmar	20
3.	Bangladesh	18
4.	Sri Lanka	18
5.	Nepal	21
6.	Pakistan	26

(d) : Government has already started taking measures to reduce the T &D losses. These are:-

(a) Technical Measures

- Installation of Efficient meters

- Up gradation and strengthening of the weak distribution system

- Increase in HT:LT Ratio

- Relocation of distribution sub-stations and /or provision of additional distribution sub-stations

- Installation of lower capacity distribution transformers to serve a smaller number/cluster of consumers and substitution of distribution transformers with those having lower no-load losses

- Installation of shunt capacitors

- Adoption of High Voltage Distribution System (HVDS)

- Regular maintenance of distribution network

- GIS mapping of sub transmission and distribution network including compilation of data.

- IT intervention

(b) Commercial Measures

- Improvement in metering and billing

- Improvement in revenue collection

- Energy accounting and auditing

(c) Management Measures

- Adoption of energy accounting and auditing

- Proper network planning for future expansion

- Preparation of long-term plans on regular basis for phased strengthening and improvement of the distribution systems along with associated transmission system

- Training of employees

(d) Policy Measures

- Setting up of vigilance and legal measures in accordance with Electricity Act 2003, setting up of special courts, police stations, etc

- Implementation of the Accelerated Power Development and Reforms Programme (APDRP) for upgradation and strengthening of sub-transmission and distribution system and providing incentive for reducing cash losses by SEBs/ Utilities